

AMENDMENTS

In the Claims:

Please amend claims 1, 7 and 25, as follows:

1. (Thrice amended) An isolated recombinant, replication-deficient adenoviral vector, said vector comprising:

an adenoviral sequence from which the E1A/E1B genes have been deleted;

a transgene coding for a stress related factor which is a heat shock protein; and

a promoter operably linked to said transgene.

7. (Once Amended) The method of claim 5, wherein said identification comprises the steps of:

monitoring transfected cells for evidence of cytopathic effect;

treating the cell supernatant from cell cultures showing a cytopathic effect with proteinase K, followed by phenol/chloroform extraction and ethanol precipitation to isolate viral DNA;

identifying cells producing recombinant vectors; and

purifying recombinant vectors using two rounds of plaque purification.

25. (Once Amended) The method of claim 21 wherein said adenoviral vector is a human adenoviral vector.

Please add new claims 33-40, as follows:

33. (New) The vector of claim 1, wherein said stress related factor is HSP70i.

34. (New) The vector of claim 1, wherein said stress related factor is HSP27.

35. (New) The vector of claim 1, wherein said stress related factor is HSP40.
36. (New) The vector of claim 1, wherein said stress related factor HSP60.
37. (New) The method of claim 5, wherein said stress related factor is HSP70i.
38. (New) The method of claim 5, wherein said stress related factor is HSP27.
39. (New) The method of claim 5, wherein said stress related factor is HSP40.
40. (New) The method of claim 5, wherein said stress related factor HSP60.
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